



MATERIAL SAFETY DATA SHEET

1. PRODUCT COMPANY AND IDENTIFICATION

Trade Name **Z Lube (GSX-900-06 Lube I)**

Generic Description **Lubricant**

Manufacturer/Supplier **Grinding & Sizing Co., Inc.**
Address **7707 Wallisville Road, Houston, Texas 77020**
Emergency Number **713-673-5167**

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Material or Component	OSHA PEL	CAS Number	Percentage
Proprietary blend of vegetable oils and extreme pressure additives			

3. HAZARD IDENTIFICATION

Hazard Data	Product may irritate eyes, skin, mucous membranes.		
Health	1		
Flammability	0		
Reactivity	0		Ratings based on NPFA

Inhalation:

Liquid, no dust is generated in normal use.

Skin Contact:

May be irritating to the skin with prolonged contact.

Eye Contact:

May cause irritation to the eyes and could cause prolonged impairment of vision.

Ingestion:

Not anticipated route of exposure. If ingested may be irritating to mouth, throat and stomach.

Chronic Health Effects

See Inhalation subsection above.

Medical Conditions Aggravated by Exposure

Not known

4. **FIRST AID MEASURES**

Inhalation:

Remove person to fresh air. Get medical attention for any breathing difficulty.

Skin Contact:

Wash exposed area with soap and water. Remove contaminated clothing and wash before reuse. Get medical advice if irritation develops.

Eye Contact:

Wash thoroughly with large amounts of running water for at least 15 minutes. Remove contact lenses if worn. Get medical advice if irritation develops.

Ingestion:

If large amounts were ingested, give water to drink, do not induce vomiting and get medical advice.

Advice to Physicians

Treat symptomatically.

5. **FIRE FIGHTING MEASURES**

Flash Point	Not applicable/non-flammable
Flammable Limits	Not applicable
Fire Extinguishing Media	Water, carbon dioxide, dry powder or foam
Unusual Fire and Explosion Hazard	None known

6. **ACCIDENTAL RELEASE MEASURES**

Release or Spill

Collect and place in suitable container for reuse or disposal.

Personal Precautions

. Wear appropriate protective equipment.

Environmental Precautions

None known.

7. **HANDLING AND STORAGE**

Handling **Keep from Freezing**

Storage Store in a cool dry place. Use good housekeeping in storage and work areas to prevent accumulation of dust.

8. **EXPOSURE CONTROL/PERSONAL PROTECTION**

Airborne Exposure Limits

See Section 3

Ventilation Requirements:

A system of local and/or general exhaust is recommended if handled in a confined area to control below recommended exposure levels.

Respiratory Protection

None needed

Skin Protection

Wear long sleeved clothing and work gloves.

Eye Protection

Wear safety glasses with side shields. Maintain eye wash station in work area.

Other Protection Equipment/Clothing

As appropriate for work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Thick liquid
Color	Brown/Black
Odor	None
pH (neat)	9.4
Specific Gravity	.92-.97
Boiling Range/Point	212+
Flash Point	Non-flammable
Explosion Limits (%)	Not applicable
Solubility in Water	Appreciable
Vapor Density (Air=1)	Not applicable
Evaporation Rate (butyl acetate=1)	Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage.

Materials to Avoid: Excessive heat, ignition sources, and strong oxidizers.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: Sulfur oxides and carbon oxides.

11. TOXICOLOGICAL INFORMATION

No acute toxicity data is available for product or components. Crystalline silica is listed as carcinogen on NTP, IARC or OSHA.

12. ECOLOGICAL INFORMATION

No ecotoxicity data is available. This product is not expected to be toxic to aquatic organisms. This product is not expected to be readily biodegradable.

13. DISPOSAL

Dispose of material in accordance with all local, state, and federal regulations.

14. TRANSPORTATION INFORMATION

UN Proper Shipping Name	Not regulated
UN Label	None required
UN Identification Number	None
Hazardous Ingredients	None
Placards	None
Reportable Quantity	None

15. REGULATORY INFORMATION

TSCA Listed	Yes
SARA Title III Section 302	No
SARA Title III Section 311/312	Delayed/Chronic Health Hazard
SARA Title III Section 313	Does not contain chemical listed in 313 at or above deminimis concentration

16. OTHER INFORMATION

Abbreviations
N/A: Denotes no applicable information found or available
CAS#: Chemical Abstracts Service Number
ACGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer

MSDS Date: 06/2007

Disclaimer: All information and recommendations concerning product is based on tests and data believed to be reliable; however it is the user's responsibility to determine the safety, toxicity and suitability for the user's own use of the product described herein. Since the actual use by others is beyond our control, no guarantee expressed or implied is made Grinding & Sizing Co. Nor is the information herein to be construed as

absolutely complete since additional information may be necessary or desirable when particular conditions exist or because of applicable laws or government regulations.